

Work Order ID 128910

128910

Page 1

Tuesday, January 27, 2015 7:54:00 AM

Item ID: D3631-1 Accept *N900040100* Setup Start *NS1*

Revision ID: 100 100 Stop *NS2*

Item Name: Washer

Start Date: 1/26/15 Start Qty: 40.00 *40*

Required Date: 1/26/15 Req'd Qty: 40.00 *40*

Reference: Cust Item ID: Customer:

Approvals: Process Plan: MLJ Date: 15-01-29 Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D3631	Rev A

100 PURCHASING 0.00

100

Purchasing Memo 0.00

Purchasing Issue P/O: 273/3 Purchase Part Number: 95606A170 Supplier: Mc

Master CarrCertificate of conformity is required

CL 15/02/03 100

110 Receive & Inspect for Damage & Mat'l Certs 0.00

110

Packaging Memo 0.00

Packaging Ensure certificate of conformity is attached

100X SP15-024

120 QC6- Inspect dimensions to drawing 0.00

120

QC Memo 0.00

Quality Control

(100)

DAS
38
9-89

FEB 04 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Tuesday, January 27, 2015 7:54:00 AM

Item ID: D3631-1 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Washer
 Start Date: 1/26/15 Start Qty: 40.00 *40* Cust Item ID:
 Required Date: 1/26/15 Req'd Qty: 40.00 *40* Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <i>Flaw</i>	0.00							
130									
Packaging	Memo	0.00							
Packaging									
140	QC21 - Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

1004 *DAS* *96* *9-89* *FEB 05 2015*

MLS *15-02-05*

AS.25

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Doc/Data									
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Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Tuesday, January 27, 2015 7:54:00 AM

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128.910

D3631-1

Required Date: 1/26/15

Required Qty: 40.00

Comments: IPP Rev:A New Issue 07-07-28 JLM Verified By:EC

[illegible]

DQA: _____ Date: _____



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Transport									
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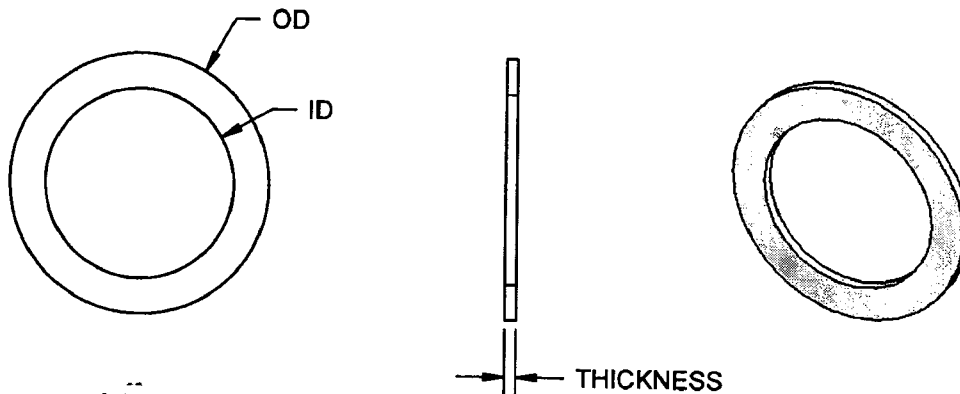
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DESIGN CB	DRAWN BY CB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED PH	APPROVED [Signature]	DRAWING NO. D3631	REV. A SHEET 1 OF 1
DATE 07.05.16		TITLE WASHER SCALE NTS	
REV A	DATE 07.05.16	DESCRIPTION NEW ISSUE	

SPECIFICATION CONTROL DRAWING



1501-29
NO 128910-MLD
DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
1000 ROBES

D3631-X WASHER

RELEASED
07.08.02 **[Signature]**

PART NUMBER	OD	ID	THICKNESS	MATERIAL	SUPPLIER
D3631-1	0.688	0.500	0.031	NYLON	McMASTER-CARR P/N: 95606A170

NOTES:

- 1) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO27313**

Purchase Order Date 2/3/2015

PO Print Date 2/3/2015

Page Number 1 of 5

Order From :

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

VU-MCM001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 330 995 5500

Ship To Contact

Ship To Phone

Ship Via: Purolator ground ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 10

Currency

USD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	95606A170 AS PER DWG D3631 REV. A B128910	Washer	2/5/2015 Yes 2/5/2015		100.00 Each ✓	\$0.10	\$10.41
Line Total:							\$10.41
2	63215K34 AS PER DWG D2611 REV. C B128963	Bearing	2/5/2015 Yes 2/5/2015		50.00 Each	\$17.24	\$862.00
Line Total:							\$862.00
3	71725-45	8983T17 DRUM PLUG	2/5/2015 Yes 2/5/2015		10.00 Each	\$18.43	\$184.30

Note:

2/3/2015

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO27313

Order Placed By
Chantal Lavoie

McMaster-Carr Number
6758306-01

Page 1 of 1

02/03/2015

Line	Product	Ordered	Shipped
1	<u>95606A170</u> Nylon Flat Washer, 7/16" Screw Size, 0.500" ID, 0.688" OD, Off-White, Packs of 100	1 Pack	1
2	63215K34 Stainless Steel Ball Joint Swivel Bearing, PTFE Lined, 3/8" ID, 13/16" OD, 13/32" Ball Thick	50 Each	50
3	8983T17 Drum Plug, 2" BSP, 316 Stainless Steel, Buna-N Gasket	10 Each	10
4	4719A438 Sanding Sleeve, Multipurpose, 180 Grit, 3/4" Inside Diameter, 1" Long, Packs of 25	6 Packs	6
5	4650A23 Rubber Drum for Sanding Sleeve, Shank, 3/4" Diameter, 1" Long	4 Each	4
7	2624A25 Drill Out Tap Remover, Seven Piece Set in Case	1 Set	1
8	92905A418 Alloy Steel Extended Point Set Screw, M10 X 1.5 Thread, 25MM Long, Packs of 25	1 Pack	1
9	8492A058 Press-Fit Drill Bushing with Head, 0.1875" (3/16") ID, 5/16" OD, 1/2" Length	20 Each	20
10	1598T41 1/2" Wide X 16' Long Aluminum Tape for, Embossing Label Printer	6 Each	6

✓
2015-02-4

Expected to ship

6	21205A25 Class Z Go/No-Go Plug Gauge Assembly, .407" to .5005" Range	1 Each	1 to ship by 02/10
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